

SAMPLE PLAN ALTERATION FORM

Project Name and Number: 4th Avenue and Gambell Parking Lot; TDD: 11-04-0001

Material to be sampled:

Surface soil from the properties north and northwest of the 4th Avenue and Gambell parking lot (site), and soil gas from properties northwest of the site.

Measurement Parameters:

Analysis of surface soil and soil gas for volatile organic compounds (VOCs).

Standard Procedure for Field Collection and Laboratory Analysis (cite references):

One surface soil sample was to be collected from each borehole, two surface soil samples were to be collected from each parcel located directly north of the site, and two surface soil samples and three soil gas samples were to be collected from parcels located at the corner of 3rd Avenue and Gambell. All surface soil samples were to be collected utilizing a Geoprobe drill rig from 0 to 2-feet below ground surface (bgs). All soil gas samples were to be collected utilizing a hand rotary hammer drill to bore a 1-inch boring to 3-feet bgs.

All surface soil samples and soil gas samples were to be analyzed for VOCs.

Reason for Change in Field Procedure or Analytical Variation:

Due to the limited Geoprobe access to the properties north and northwest of the site, surface soil samples from these areas were collected with dedicated stainless steel spoons bowls from 0 to 6-inches bgs. In order to ensure that all surface soil sample intervals were consistent, surface soil samples collected using the Geoprobe were likewise collected from 0 to 6-inches bgs.

Due to the lithology, soil gas samples could not be advanced to 3-feet bgs as planned. Refusal was either met, or the borehole caved in, before the target depth of 3-feet bgs was reached. Each soil gas sampler was installed at the maximum depth that could be reached.

Variation from Field or Analytical Procedure:

No variations from the field or analytical procedures occurred.

Special Equipment, Materials, or Personnel Required:

No special equipment, materials, or additional personnel were required.

CONTACT	APPROVED SIGNATURE	DATE
Initiator: Jeff Fetters		11-20-2012
START PL: Linda Ader		11-20-2012
EPA TM: Brandon Perkins		11/20/12
EPA QA Manager : Gina Grepa-Grove		11/26/12

